

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re:	Application of CRAIG N. HANSEN and LONNIE J. HELGESON	) ) )	·
Serial	No.: 10/646,357	)	
Filed:	August 22, 2003	)	Group Art Unit 3764
For:	RESPIRATORY VEST	.)	
Case I	Oocket No.: E100.12.12	)	

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants request that the patents and publications listed on the enclosed PTO Form 1449 be fully considered by the Examiner in the examination of this application.

Applicants do not represent that these patents and publications are a complete state of the prior art. The enclosed patents and publications are not intended to replace the Examiner's search. It is respectfully submitted that the Examiner proceed with an independent and complete search of the prior art in the examination of this application.

Respectfully submitted,

CRAIG N. HANSEN and LONNIE J. HELGESON

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on ARRIL 12094

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| Name of applicant, assignee, or Registered Rep.

Date of Signature

Registration No. 40,500 Southdale Office Centre 6750 France Avenue South Suite 350 Edina, MN 55435-1905 (952) 920-3959

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. E100.12.12

10/646,357

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT Craig N. Hansen and Lonnie J. Helgeson FILING DATE GROUP August 22, 2003 3764

U.S. PATENT DOCUMENTS EXAMINER INITIAL FILING DATE DOCUMENT NUMBER NAME CLASS SUBCLASS AA Des. 379,396 05/20/1997 Pongo et al Des. 456,591 05/07/2002 Hansen Des. 461,397 08/20/2002 Hansen et al Des. 469,876 02/04/2003 ΑD Hansen et al 2,223,570 ΑE 12/03/1940 McMillin AF 2,354,397 07/25/1944 Miller AG 2,588,192 03/04/1952 Akerman et al AH 2,707,948 05/10/1955 Emerson ΑI 2,762,366 09/11/1956 Huxley III et al ΑJ 2,779,329 01/29/1957 Huxley III et al AK 2,780,222 02/05/1957 Polzin et al FOREIGN PATENT DOCUMENTS TRANSLATION SUBCLASS DOCUMENT NUMBER COUNTRY CLASS AL 1,225,889 08/1987 Canada AM AN AO

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	OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)
AR	"Chronic bronchial asthma and emphysema," Geriatrics, June 1996,
	pp. 139-153
AS	"Enhanced Tracheal Mucus Clearance with High Frequency Chest
	Wall Compression," Respiratory Disease, Sept. 1983, pp. 511-515
AT	"Peripheral mucociliary clearance with high-frequency chest wall
	compression." Journal of Applied Physiology, April 1985, pp.
EXAMINER	DATE CONSIDERED 1157-1163.

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AA	2,869,537	01/20/1959	Chu						
<b>-</b>	AB	2,899 955	08/13/1959	Hux	ley III et al					
	AC	3,043,292	07/10/1962	Men	delson					
	AD	3,063,444	3,063,444 11/13/1962 Joi							
	ΑE	3,078 842	02/26/1963	Gra	у					
	AF	3,120,228	02/04/1964	Hux	ley III					
	AG	3,179,106	04/20/1965	Mer	edith					
	АН	3,310,050	03/21/1967	Go1	dfarb					
,	AI	Al 3,545,017 12/08/1970 C		Coh	n					
	AJ	AJ 3,566,862 03/02/1971		Sch	uh			<u> </u>		
	AK	3,577,977	05/11/1971	Rit	zinger Jr et al					
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	AA	3,683,655	03/15/1972	Whi	te et al					
	AB	3,760,301	09/25/1973	Bor	geas					
	AC	3,993,053	11/23/1976	Gro	ssan					
	AD	4,004:579	01/25/1977	Ded	0					
	ΑE	4,120,297	10/17/1978	Rab	ischong et al					
	AF	4,135.503	01/23/1979	Rom	ano					
	AG	4,178,922	12/13/1979	· Cur	lee					
	AH	4,186,732	02/05/1980	Chr	istoffel					
	ΑI	4,375,217	03/01/1983	Ark	ans					
	AJ	4,402,312	09/06/1933	Vi1	lari et al			·		
	AK	4,424,806	01/10/1934	New	man et al				111	
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	AR	"Prelimina	ry Evaluatio	n of	High-Frequency	Chest	Compres	sion	for	
		Secretion	Clearance i	n Mec	hanically Yenti	lated	Patient	s,"		
	AS	Respirato	ry Care, Oct	ober	1993, pp. 1081-	1097.				
	AT	"Artificia	l Yentilatio	n," T	echnion Institu	te of	Techno1	ogy Fa	acu1ty	
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	AA	4,523,579	06/18/1985	Ваз	rry .				
	AB	4,577,626	03/25/1096	Man	rukawa et al				
	AC	4,590,925	05/27/1936	Dil	llon				
	AD	4,621,621	11/11/1986	Mar	rsalis				
	AE	4,637,074	01/20/1987	Tal	neri				
	AF	4,676,232	06/30/1937	01s	sson et al				
	AG	4,682,588	07/28/1987	Cur	lee				
	АН	4,815,452	03/28/1989	Нау	rek				
	AI	4,838,263	06/13/1989	War	wick et al				
	ĄJ	4,840,167	06/20/1989	01s	sson et al				· · · · ·
	AK	4,928,674	05/29/1990	Ha1	perin et al				_
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	AA	4,930,498	06/05/1990	На	yek					
	AB	4,952,095	08/23/1990	Wa	lters					
	AC	4.977,889	12/18/1990	Bu	dd					
	AD	5,007,412	04/16/1991	De	Wall					
	AE	5,055,052	10/08/1991	Jo	hnsen .					
	AF	5,056,505	10/15/1991	Wa	rwick et al					
	AG	5,222,478	06/29/1993	Sc	arberry et al					
	AH	5,235,967	08/17/1993	Ar	bisi et al					
	Αl	5,245,990	09/21/1993	Be	rtinin					
	AJ	5,370,603	12/06/1994	Ne	wman					
	AK	5,453,081	09/26/1995	Hai	nsen			0.		
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	AA	5,490,820	02/13/1996		nock et al					
	AB	5,494,469	02/27/1996	Hea	ath et al					
	AC	5,569,170	10/29/1996	Har	nsen					
	AD	5,674,269	10/07/1997	Aug	gustine					
	AE	5,769,797	06/23/1998	Var	Brunt et al					
	AF	5,769,800	06/23/1998	Ge]	fand et al					
	AG	5,938,627	08/17/1999	Hic	ckman					
	АН	6,036,662	03/14/2000	Var	Brunt et al					
	Al	6,155,996	12/05/2000	Var	Brunt et al					
	ΑJ	6,254,556	07/03/2001	Har	isen et al				]	
	AK	6,379,316	04/30/2002	Var	Brunt et al					
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	AA	6,471,663	10/29/2002	Van	Brunt et al				
	ΑВ	6,488,641	12/03/2002	Han	sen				
	AC	6,547,749	04/15/2003	Har	ısen				
	AD	6,605,050	08/12/2003	Hansen				ļ	
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